

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~Polymer~~ A polymer dispersion having low viscosity comprising

- A) at least one dispersed polyolefin,
- B) at least one dispersing component,
- C) at least one carrier medium and
- D) at least one compound having a dielectric constant of greater than or equal to 9,

~~this said~~ compound being water, a glycol, an amine, a halogenated hydrocarbon, a ketone and/or an alcohol.

Claim 2 (Currently Amended): ~~Polymer~~ The polymer dispersion according to Claim 1, ~~characterized in that~~ wherein the component B) represents a copolymer which comprises one or more blocks A and one or more blocks X, the block A representing olefin copolymer sequences, hydrogenated polyisoprene sequences, hydrogenated copolymers of butadiene/isoprene or hydrogenated copolymers of butadiene/isoprene and styrene, and the block X representing polyacrylate-, polymethacrylate-, styrene-, α -methylstyrene [sie] or N-vinyl-heterocyclic sequences and/or sequences of mixtures of polyacrylate-, polymethacrylate-, styrene-, α -methylstyrene [sie] or N-vinyl-heterocycles.

Claim 3 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~Claim 1 or 2, characterized in that~~ Claim 1, wherein the component B) is ~~obtainable~~ obtained by graft copolymerization of a monomer composition comprising (meth)acrylates and/or styrene compounds onto polyolefins according to component A).

Claim 4 (Currently Amended): ~~Polymer~~ The polymer dispersion according to Claim 3, ~~characterized in that a~~ wherein said monomer composition is used, ~~comprising~~ comprises one or more (meth)acrylates of the formula (I)



~~in which~~ wherein R denotes hydrogen or methyl and R¹ denotes hydrogen or a linear or branched alkyl radical having 1 to 40 carbon atoms,

and/or one or more (meth)acrylates of the formula (II)



~~in which~~ wherein R denotes hydrogen or methyl and R² denotes an alkyl radical substituted by an OH group having 2 to 20 carbon atoms or denotes an alkoxyated radical of the formula (III)



~~in which~~ wherein R³ and R⁴ independently represent hydrogen or methyl, R⁵ represents hydrogen or an alkyl radical having 1 to 40 carbon atoms and n represents an integer from 1 to 90,

and/or one or more (meth)acrylates of the formula (IV)



~~in which~~ wherein R denotes hydrogen or methyl, X denotes oxygen or an amino group of the formula -NH- or -N^{R⁷}-, -NR⁷-, in which R⁷ represents an alkyl radical having 1 to 40 carbon atoms, and R⁶ denotes a linear or branched alkyl radical substituted by at least

one -NR⁸R⁹ group and having 2 to 20, preferably 2 to 6, carbon atoms, R⁸ and R⁹, independently of one another, representing hydrogen, an alkyl radical having from 1 to 20, preferably from 1 to 6 [lacuna] or in which R⁸ and R⁹, including the nitrogen atom and optionally a further nitrogen or oxygen atom, form a 5- or 6-membered ring which may optionally be substituted by C₁-C₆-alkyl.

Claim 5 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~Claim 2, 3 or 4, characterized in that a~~ Claim 3, wherein said monomer composition ~~which comprises dispersing monomers is used in the grafting reaction.~~

Claim 6 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~any of Claims 2 to 5, characterized in that~~ Claim 2, wherein the weight ratio of the blocks A to the blocks X is in the range from 20:1 to 1:20.

Claim 7 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the component A) comprises one or more olefin copolymers, hydrogenated polyisoprene, hydrogenated copolymers of butadiene/isoprene or hydrogenated copolymers of butadiene/isoprene and styrene.

Claim 8 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the component C) is a nonionic surfactant.

Claim 9 (Currently Amended): ~~Polymer~~ The polymer dispersion according to Claim 8, ~~characterized in that~~ wherein the nonionic surfactant comprises an ethoxylated alcohol.

Claim 10 (Currently Amended): ~~Polymer~~ The polymer dispersion according to Claim 9, ~~characterized in that~~ wherein the ethoxylated alcohol comprises from 2 to 8 ethoxy groups, the hydrophobic radical of the alcohol comprising from 4 to 22 carbon atoms.

Claim 11 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the component C) comprises one or more esters.

Claim 12 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the polymer dispersion comprises at least 20% by weight of the component A).

Claim 13 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the dielectric constant of the compound according to component D) is greater than or equal to 20.

Claim 14 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein said component D) comprises water, ethylene glycol, polyethylene glycol and/or alcohol.

Claim 15 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the polymer dispersion comprises up to 30% by weight of component B).

Claim 16 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the polymer dispersion comprises 0.01-15% by weight of compounds according to component D).

Claim 17 (Currently Amended): ~~Polymer~~ The polymer dispersion according to ~~one or more of the preceding claims, characterized in that~~ Claim 1, wherein the polymer dispersion comprises a mineral oil.

Claim 18 (Currently Amended): ~~Process~~ A process for the preparation of said polymer ~~dispersions~~ dispersion according to ~~any of Claims 1 to 17, characterized in that~~ Claim 1, wherein the component A) is dispersed in a solution of components B) with application of shear forces at a temperature in the range from 80 to 180°C.

Claim 19 (Canceled).

Claim 20 (New): A lubricating oil formulation comprising the polymer dispersion according to claim 1.